

IN THE SPECIFICATION

Please replace the abstract of the disclosure with the following new abstract:

An entertainment device includes a general-purpose signal processor made up of an assembly of component-processors, each of which can operate in parallel under operating environments independent of others component-processors. A management processor controls a cross bar so as to change the operating environments of the respective component-processors in accordance with a demand for signal processing which is given from a CPU, and to change over any one of the component-processors which receives a signal to be processed which is inputted through the cross bar or outputs a processed signal in accordance with the demand for signal processing.